

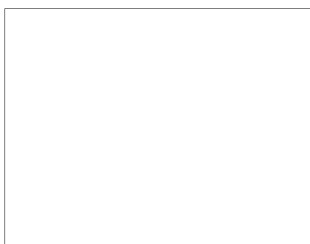
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**PHOTOGRAPHIC
INTERPRETATION
REPORT**

**NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER**

**MILITARY DEVELOPMENTS IN
HOPEH PROVINCE, CHINA**



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MILITARY DEVELOPMENTS IN HOPEH PROVINCE, CHINA

ABSTRACT

1. This report reviews the major military developments in Hopeh Province observed on photography of January and February 1972. The report contains text, two maps, three photographs, and a table.

INTRODUCTION

2. Approximately 98 percent of Hopeh Province was covered. The extensive, generally clear, photography permitted a detailed search of the province. As a result, a number of facilities were newly identified and a nearly complete summary of weapons and equipment was determined (Figure 1).

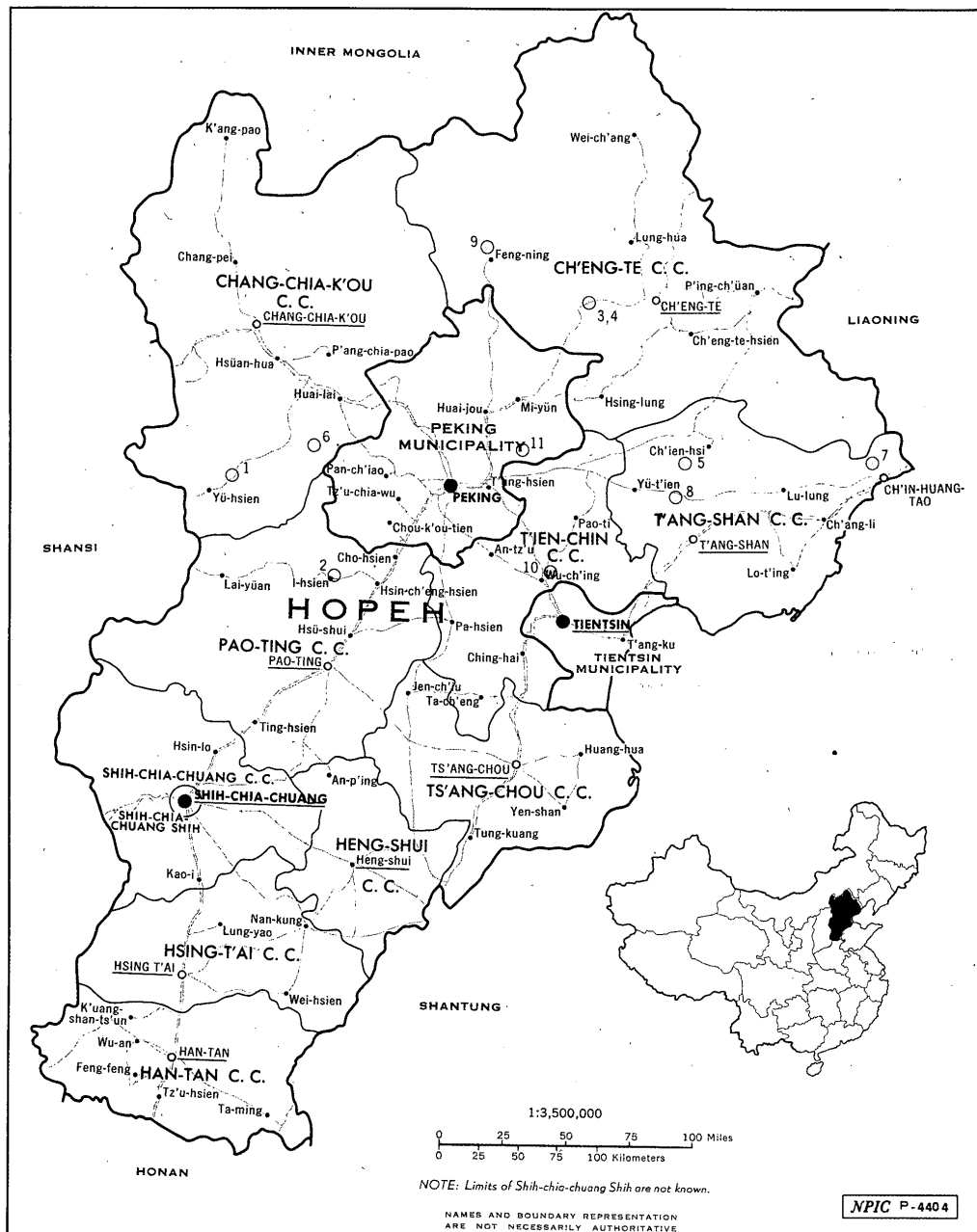


FIGURE 1. MAJOR NEWLY IDENTIFIED MILITARY FACILITIES IN HOPEH PROVINCE, CHINA

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BASIC DESCRIPTION

Missile Activity

3. Six SAM sites were newly observed in Hopeh Province on photography of January and February 1972. This brings to 18 the total number of CSA-1 SAM sites identified in the province. On [redacted] 11 were occupied, four were unoccupied, two were under construction, and one had been removed. 25X1
4. Hsi-ho-ying SAM Site A19-1 [redacted] was newly identified at 39-54-00N 114-44-50E (Figure 1, item 1). It contains six unrevetted launch positions and a central guidance area. CSA-1-related equipment at the site [redacted] included six launchers, nine CSA-1 transporters, six possible CSA-1 transporters, 15 missile canisters, and ten CSA-1 canisters. No missile activity was observed [redacted] 25X1
5. Peking SAM Site F23-1 [redacted] was newly identified under construction at 39-21-55N 115-32-30E (Figure 1, item 2). It consisted of four excavated and partially revetted launch positions and an excavated central guidance area. A support area under construction immediately east contained eight buildings and at least four building foundations. A tent camp 550 meters (1,805 feet) to the east contained 33 tents. No missile-related equipment was observed [redacted] 25X1
6. Cheng-te SAM Site C27A-1 [redacted] was newly identified in the midstage of construction at 40-54-00N 117-19-45E (Figure 1, item 3). The fan-shaped site contained six revetted launch positions and a central guidance area. A construction camp consisting of eight quarters and 14 storage and support buildings was adjacent to the site. Four possible tracked prime movers and seven unidentified vehicles were observed [redacted] Lack of photographic coverage precluded negation. 25X1
7. Cheng-te SAM Site C27-1 [redacted] was newly identified at 40-57-20N 117-23-30E (Figure 1, item 4). It consists of six unrevetted launch positions and a central guidance area. Six CSA-1 launchers, a canvas-covered probable missile transporter, a crane truck, six cargo trucks, six sets of bogie wheels, a FAN SONG radar, and five electronics/support vans were at the site [redacted] Lack of photographic coverage precluded negation. 25X1
8. Tang-shan SAM Site D36-1 [redacted] was newly identified at 40-12-30N 118-06-54E (Figure 1, item 5). It consists of six revetted launch positions and a revetted central guidance area. A possible acquisition radar is immediately south of the site. Four tent camps around the site contained a total of 51 tents. Equipment observed [redacted] included six CSA-1 launchers, 11 canvas-covered missile transporters, 14 CSA-1 canisters, a canister transporter, two truck-mounted cranes, five tracked prime movers, 16 cargo trucks, three utility trucks, 11 electronics/support vans, a GIN SLING radar, and a probable acquisition radar. Lack of photographic coverage precluded negation. 25X1
9. Peking SAM Site E30-1 [redacted] was newly identified at 40-13-40N 115-24-50E (Figure 1, item 6). This field-deployed site consisted of six unrevetted launch positions and an excavated central guidance area. Approximately 1,080 meters (3,543 feet) south of the field site, at 40-13-10N 115-25-00E, another CSA-1 SAM site was observed under construction. The site consisted of an excavated central guidance area, six additional excavations, and extensive ground scarring. Equipment at the two sites [redacted] included six CSA-1 launchers, six missile transporters, five possible missile transporters, five canister transporters, 11 CSA-1 canisters, six sets of bogie wheels, two vans, a cab-over-engine truck-mounted crane, four cargo trucks, five unidentified vehicles, a guidance radar, 11 electronics/support vans/trucks, and a possible acquisition radar. No missile activity was observed [redacted] 25X1
10. The first CSA-1 SAM support facility identified in Hopeh Province was observed on [redacted] Ching-huang-tao SAM Support Facility [redacted] at 40-02-00N 119-27-40E (Figure 1, item 7) consists of an operations area, a support/administration area, and a possible transshipment area. The operations area contains three large possible checkout buildings, three possible checkout/storage buildings around a hardstand, a double-bay building, and 20 25X1

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support/storage buildings. The partially wall-secured administration area, immediately northwest, contains a large multiwing administration building, five large multistory barracks, three possible classroom buildings, a steamplant, ten small support buildings, and a water tower. The possible transshipment area, 5 nautical mile (nm) east-southeast of the administration area, consists of a railroad siding and a storage shed. Equipment observed [redacted] consisted of six

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and five unidentified objects. No missile-related equipment was observed on

11. CSS-1 missile ground support equipment was observed for the first time at Chiu-feng-jun SSM Support Facility [redacted] at 39-51-19N 118-05-18E (Figure 1, item 8) [redacted]

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[redacted] This is also the first identification of CSS-1 missile ground support equipment in Hopeh Province. The equipment included two CSS-1 transporter-erectors, three canvas-covered dolly-type CSS-1 transporters, four A-frame cranes, two missile service vehicles (cherry-pickers), a possible CSS-1 launch stand trailer, and two CSS-1 cryogen trailers. A possible missile checkout building [redacted]

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[redacted] and four vehicle storage buildings had been newly constructed

(Figure 2). No missile-related equipment was observed [redacted]

[redacted]

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Air Activity

12. Feng-ning Probable Airfield [redacted] was newly identified in an early stage of construction at 41-14-50N 116-38-20E (Figure 1, item 9). An underground aircraft storage area with a tunnel entrance and a probable tunnel entrance were under construction approximately 1 nm north of the center of the runway. Preliminary scarring and approximately 195 construction and support

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buildings were observed throughout the area. At least 114 cargo trucks were at the field [REDACTED] 25X1
[REDACTED] 25X1

13. All 24 airfields in Hopeh Province were covered at least once [REDACTED] The 25X1
probable airfield under construction at Feng-ning was the only major new airfield construction activity
observed. A total of 373 fighter aircraft were observed, including two FISHBED, 95 FARMER, 255
FAGOT/FRESCO, ten probable FAGOT/FRESCO, and 11 small swept-wing aircraft. Forty-three
BEAGLE were at Sha-ho Airfield [REDACTED] 19 were at Shan-hai-kuan Airfield [REDACTED] 25X1
[REDACTED] and one was at Tang-shan Airfield Northwest [REDACTED] 25X1
Other aircraft observed were one COOT, 26 COLT, 45 probable MAX/MOOSE, 49 possible small
straight-wing aircraft, and four HOUND helicopters.

Electronics

14. Two Peking A radars were newly observed within Peking SAM Site C14-1 [REDACTED] at 25X1
39-34-30N 116-45-27E (Figure 1, item 10, and Figure 2). No CSA-1 SAM equipment was observed at
the site. However, the site was being used as an air warning radar facility and contained two Peking A
(triple-yagi) radars, three Suuji A/B radars, a Suuji C radar, and a possible Suuji C radar [REDACTED] 25X1
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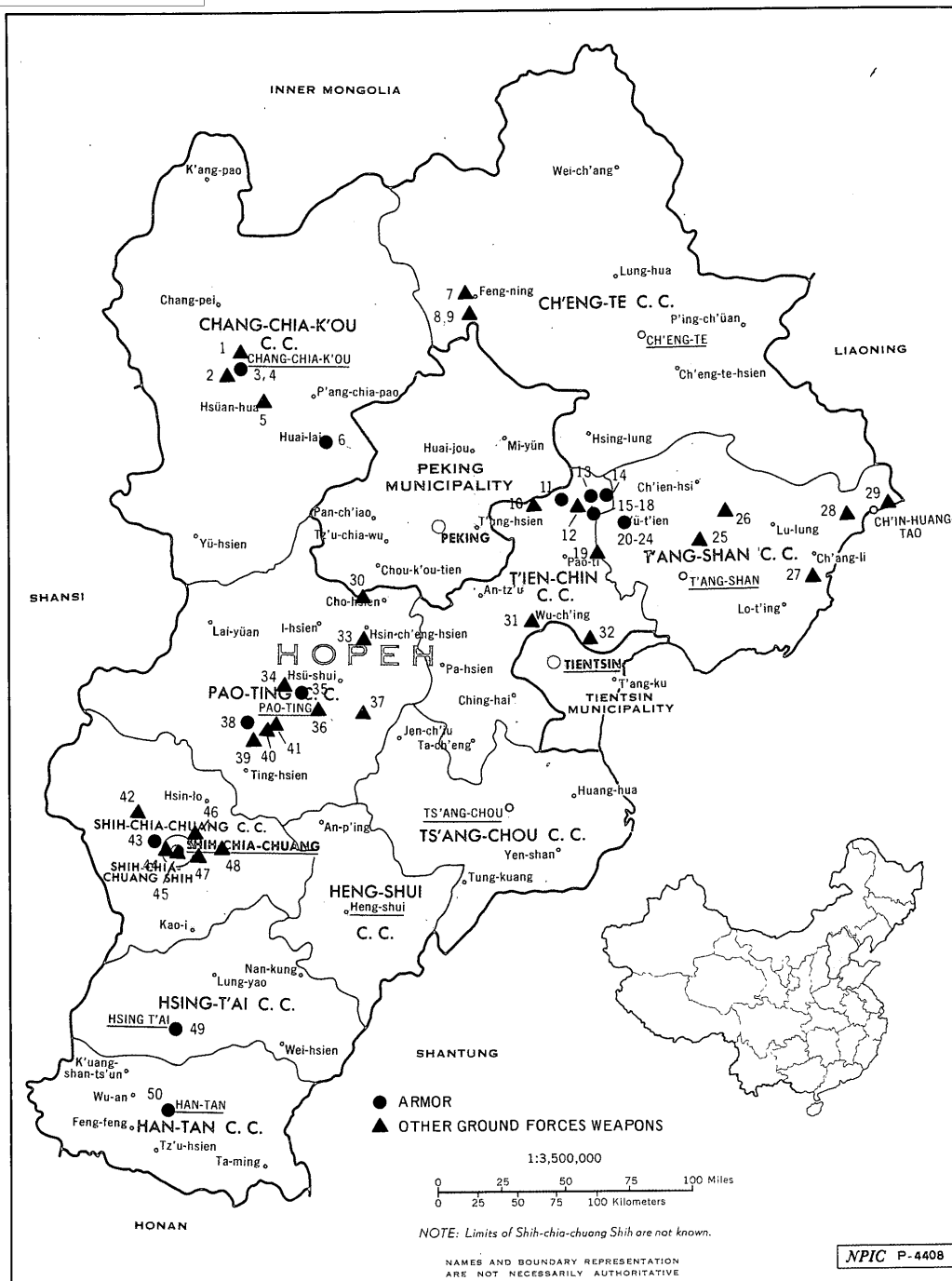


FIGURE 5. GROUND FORCES WEAPONS, HOPEH PROVINCE, CHINA (JANUARY AND FEBRUARY 1972)

15. Chang-ko-chuang Space Tracking Facility [] was newly identified on [] Figure 1, item 11). It consists of two areas. Area A (Figure 3), at 40-06-00N 116-54-40E, is partially wall secured and contains four parabolic dish antennas. Two dishes [] A large control building is between the two large dishes, and 25 support buildings are within the secured area. Area B (Figure 4), at 40-05-09N 116-56-40E, is 1.8 nm southeast of area A. This wall-secured area contains three parabolic dish antennas [] which appear to have cassegrainian feeds. A large control building is in the center of the antennas. Eighteen support buildings, including a steamplant, are in a separately-secured area immediately north of the antennas.

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25X1Table 1. Ground Forces Weapons, Hopeh Province, China (January and February 1972)
(Item numbers keyed to Figure 5)

Item No	Description	Location	Geographic Coordinates	No	Ground Forces Weapons Type	Remarks	Item No	Description	Location	Geographic Coordinates	No	Ground Forces Weapons Type	Remarks
1	Defensive area	Chang-chia-kou Defensive Area North	41-07-30N 114-47-00E	20	FA pieces	The artillery was dispersed.	26	FA sighting	Che-yuan-chia Barracks	39-59-30N 118-33-42E	12	FA pieces	
2	Defensive area	Chang-chia-kou Defensive Area West	40-50-00N 114-49-30E	25	FA pieces	The artillery was dispersed in villages.	27	AAA sighting	Liu-tai-chuang AAA Training AREA	39-32-00N 119-13-00E	123	AAA pieces	This is probably an AAA division on maneuvers.
3	FA sighting	Chang-chia-kou Headquarters Army and Barracks AL 1	40-48-51N 114-53-40E	4	AAA pieces		28	FA sighting	Yu-kuan Army Barracks South AL 1	39-53-33N 119-20-30E	38	FA pieces	
4	Armor, FA, and AAA sighting	Chang-chia-kou Army Barracks AL 2	40-46-15N 114-53-50E	2	Post tanks	The tanks were on the firing range. The FA was 1 nm NNW.	29	AAA sighting	Shan-hai-kuan Army Barracks AL 2	39-57-35N 119-47-20E	8	57mm AAA pieces	
5	FA sighting	Hsuan-hua Post Staff Grade Artillery School	40-37-20N 115-01-50E	24	FA pieces	The FA was dispersed in villages.	30	FA sighting	Cho-hsien Army Barracks Nan-pai-tai	39-32-43N 115-46-23E	36	FA pieces	Twelve were in area B, 12 were in area C, 12 were in area D.
6	Armor, FA, and rocket launcher sighting	Huai-tai Army Barracks NW AL 1	40-24-30N 115-29-10E	17	Medium tanks		31	FA and AAA sighting	Wu-ching Army Barracks AL 1	39-21-45N 117-04-25E	24	FA pieces	
7	AAA sighting	Feng-ning Prob Military Dispersal Area	41-19-40N 116-37-10E	12	Prob AAA pieces		32	Defensive mound	Tien-ching Special Defensive Mound 3	39-15-32N 117-21-11E	4	FA pieces	
8	FA sighting	Feng-ning Army Barracks SSW	41-06-30N 116-38-20E	6	FA pieces		33	AAA sighting	Ting-hsing Airfield	39-15-07N 115-49-54E	48	AAA pieces	Twelve were in two six-position sites; 36 were parked in villages. The FA pieces were in area B. Fourteen mortars were in area A; six were in area B.
9	FA sighting	Feng-ning Army Barracks South	41-05-15N 116-38-20E	4	FA pieces		34	FA sighting	Man-cheng Army Barracks AL 2	38-59-55N 115-18-30E	24	FA pieces	
10	FA sighting	San-ho Army Barracks AL 1	40-01-50N 117-05-40E	20	130mm field guns	Eight field guns were in area C; 12 were dispersed.	35	Armor sighting	Man-cheng Army Barracks AL 1	38-55-20N 115-19-15E	45	Tanks	
11	Armor, APC, and AAA sighting	Chi-hsien Army Barracks West AL 2	40-02-00N 117-17-10E	6	Type-59 tanks		36	River-crossing equipment sighting	Pao-ting Ponton Bridging Regiment and Barracks AL 5	38-48-20N 115-22-20E	18	TPP bridging sections	
12	AAA sighting	Chi-hsien Army Barracks AL 4	40-00-30N 117-25-20E	24	57mm AAA pieces		37	AAA sighting	Pao-ting Army Barracks SSW	38-51-55N 115-53-45E	30	AAA pieces	
13	Armor sighting	Wan-shen-chiao Army Barracks NE AL 1	40-06-35N 117-37-20E	10	Prob armored vehicles	Four probable armored vehicles in the motor pool, were canvas covered six were on the firing range.	38	Armor sighting	Tang-hsien Armor Training Area	38-46-20N 115-00-00E	3	Tanks	
14	Armor sighting	Hsin-cheng Army Barracks South AL 2	40-06-33N 117-42-55E	17	Prob type-59 tanks		39	AAA sighting	Tang-hsien Army Barracks AL 2	38-42-53N 115-06-34E	8	Prob AAA pieces	
15	Armor sighting	Pieh-shan Army Barracks NE AL 4	39-58-25N 117-30-30E	5	Prob tanks		40	FA sighting	Tang-hsien Headquarters 107 Infantry Division and Barracks AL 4	38-48-22N 115-18-35E	21	FA pieces	
16	Armor and AAA sighting	Pieh-shan Army Barracks AL 2	39-57-30N 117-33-20E	17	Prob type-59 tanks	The armor was canvas covered.	41	FA sighting	Tang-hsien Army Barracks AL 3	38-47-35N 115-15-37E	6	FA pieces	
17	Armor sighting	Pieh-shan Army Barracks AL 1	39-58-00N 117-29-40E	1	Prob ARV		42	Rocket launcher sighting	Ping-shan Army Barracks	38-14-40N 114-11-20E	12	Rocket launchers	
18	Armor sighting	Pieh-shan Army Barracks AL 3	39-56-15N 117-32-55E	6	Prob type-59 tanks	The tanks were canvas covered.	43	Armor sighting	Hsiao-lu Army Barracks AL 2	38-06-09N 114-18-32E	8	Tanks	The tanks were in the barracks area.
19	FA sighting	Hsin-shen Prob Military Area	39-40-42N 117-34-18E	7	Prob 130mm field guns	The tracked prime movers are Chinese designed.	44	AAA sighting	Shih-chia-chuang Army Barracks and Training Center West	38-02-25N 114-25-22E	28	Prob AAA pieces	
20	APC sighting	Yu-tien Army Barracks AL 6	39-57-25N 117-38-20E	26	APC	The APC were canvas covered.	45	AAA sighting	Shih-chia-chuang Headquarters Artillery Division and Barracks	38-03-31N 114-28-25E	8	Prob 57mm AAA pieces	
21	Armor and AAA sighting	Yu-tien Army Barracks AL 4	39-56-40N 117-42-30E	26	Type-59 tanks		46	Defensive mound	Shih-chia-chuang Special Defensive Mound 2	38-08-15N 114-34-50E	5	FA pieces	
22	Armor sighting	Yu-tien Army Barracks AL 5	39-56-55N 117-39-50E	1	ARV	The armor and AAA were canvas covered.	47	Defensive mound	Shih-chia-chuang Special Defensive Mound 1	38-00-37N 114-38-45E	4	FA pieces	
23	APC sighting	Yu-tien Army Barracks AL 3	39-56-25N 117-43-20E	9	Tracked prime movers		48	AAA sighting	Kao-cheng Army Barracks SW AL 1	38-01-00N 114-48-00E	59	Prob AAA pieces	
24	Armor sighting	Yu-tien Army Barracks AL 2	39-55-30N 117-46-50E	26	Type-59 tanks	The armor was canvas covered.	49	Armor sighting	Hsin-tai Military Complex	37-04-15N 114-27-00E	19	Tanks	The armor was in the tank/assault gun facility. The tanks were in the installation. The armored vehicles were in the training area.
25	FA and AAA sighting	Chen-tzu-chen Army Barracks SE AL 1	39-49-15N 118-22-45E	21	FA pieces		50	Armor sighting	Han-tan Army Barracks West AL 5	36-37-24N 114-23-46E	12	Prob tanks	
				14	Prob mortars						21	Armored vehicles	
				6	AAA pieces								

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Ground Forces Activity

16. Table 1 (keyed to figure 5) contains a summary of ground forces weapons and equipment observed in Hopeh Province [redacted] and lists the coordinates, number, and types of weapons and equipment observed. 25X1

REFERENCES

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REQUIREMENT

NPIC/IEG/EGD/NECB Project 120201OF

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